

Python: module genutil.colors

genutil.colors

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Functions

`rgb2str(r, g=None, b=None)`

Function: `rgb2str`

Description of function:

Given `r,g,b` values, this function returns the closest 'name'

Example:

```
>>> print rgb2str([0,0,0])  
'black'
```

`str2rgb(col)`

Function: `str2rgb`

Description of function:

Given a string representing a color name, this function the corresponding `r,g,b` values (between 0 and 255). If the color name is unknown, the function returns `None, None, None`

This is accomplished by looking in the `/usr/X11R6/lib/X11/rgb`. file. If the file does not exist, then looks into the builtin dictionary

Examples:

```
>>> r, g, b = str2rgb('pink2') # returns: (238 , 169 , 184 )  
>>> r, g, b = str2rgb('crappy') # returns: (None, None, None)
```

Data

```
cols = {'AliceBlue': [240, 248, 255], 'AntiqueWhite': [250, 235, 215], 'AntiqueWhite1': [255, 239, 219], 'AntiqueWhite2': [238, 223, 204], 'AntiqueWhite3': [205, 192, 176], 'AntiqueWhite4': [139, 131, 120], 'BlanchedAlmond': [255, 235, 205], 'BlueViolet': [138, 43, 226], 'CadetBlue': [95, 158, 160], 'CadetBlue1': [152, 245, 255], ...}
```